

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S180	423	347/22,29,32.ccls. and ((servic\$3 maintenance maintain\$4) with (sled carriage carrier) with (head printhead))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 18:26
S181	146	347/22,29,32.ccls. and ((servic\$3 maintenance maintain\$4) with (sled carriage carrier) with (head printhead)).CLM.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 18:27
S182	149	347/22,29,32.ccls. and ((servic\$3 maintenance maintain\$4) with (sled carriage carrier) same (axial axially axis))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 19:13
S183	641	"347"/\$.ccls. and ((servic\$3 maintenance maintain\$4) with (sled carriage carrier) same (axial axially axis))	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 19:13
S184	369	"347"/\$.ccls. and ((servic\$3 maintenance maintain\$4) with (sled carriage carrier) with (head printhead)).CLM.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 19:14
S185	495	S183 not S184	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/12 19:16
S186	369	"347"/\$.ccls. and ((servic\$3 maintenance maintain\$4) with (sled carriage carrier) with (head printhead)).CLM.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 10:37
S187	369	"347"/\$.ccls. and ((servic\$3 maintenance maintain\$4) with (sled carriage carrier) with (head printhead)).CLM.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 10:37
S188	81808	"347"/\$.ccls.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/13 10:37

S189	369	"347"/\$.ccls. and ((servic\$3 maintenance maintain\$4) with (sled carriage carrier) with (head printhead)).CLM.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 10:38
S190	4	("2002/0015070").URPN.	USPAT	OR	OFF	2009/08/13 11:33
S191	1	("2004/0212656").URPN.	USPAT	OR	OFF	2009/08/13 11:55
S192	586	("347"/\$.ccls. or inkjet or ink-jet or (ink adj jet)) and (head printhead) same (maintenance servic\$3 maintain\$4 clean\$3) same (sled carriage carrier) same ((gear rack) with (pinion driv\$3 driveshaft))	USPAT	OR	ON	2009/08/13 11:57
S193	531	S192 not S187	USPAT	OR	ON	2009/08/13 11:58
S194	816	("347"/\$.ccls. or inkjet or ink-jet or (ink adj jet)) and (head printhead) same (maintenance servic\$3 maintain\$4 clean\$3) same (sled carriage carrier) same ((gear rack) with (pinion driv\$3 driveshaft))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 11:58
S195	68	("347"/\$.ccls. or inkjet or ink-jet or (ink adj jet)) and (head printhead) with (maintenance servic\$3 maintain\$4 clean\$3) with (sled carriage carrier) with ((gear rack) with (pinion driv\$3 driveshaft))	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 11:59
S196	3853	("347"/\$.ccls. or inkjet or ink-jet or (ink adj jet)) and (head printhead) with (maintenance servic\$3 maintain\$4 clean\$3) with (sled carriage carrier)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 12:23
S197	4	10/164119	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/13 12:23
S204	4	(("5153613") or ("5841450")).PN.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/27 14:12

S205	2867	"347"/\$.ccls. and (gear rack pinion) with (engag\$4 disengag\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 15:04
S206	2323	"347"/\$.ccls. and (gear rack pinion) near5 (engag \$4 disengag\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 15:05
S207	177	"347"/\$.ccls. and (gear rack pinion) near5 (engag \$4 disengag\$4) with (sled maintenance servic\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 15:06
S208	1	("2004/0212656").URPN.	USPAT	OR	OFF	2009/08/27 15:33
S209	0	"347"/\$.ccls. and (sled with rack with (shift\$4 axial \$4))	USPAT	OR	ON	2009/08/27 15:49
S210	681	"347"/\$.ccls. and (servic\$4 maintenanc\$4 wiping capping wipe cap) with (gear rack pinion)	USPAT	OR	ON	2009/08/27 16:50
S211	27	("5153613").URPN.	USPAT	OR	OFF	2009/08/27 18:00
S212	265	"347"/\$.ccls. and (servic\$4 maintenanc\$4 wiping capping wipe cap) with (gear rack pinion) with (engag\$4 disengag\$4 contact\$4 actuatu\$3)	USPAT	OR	ON	2009/08/27 18:59
S213	5	("4739340"   "4745414"   "4893138"   "4951066"   "4970534").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/27 19:14
S214	472	"347"/\$.ccls. and (servic\$4 maintenanc\$4 wiping capping wipe cap) with (gear rack pinion) with (engag\$4 disengag\$4 contact\$4 actuatu\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 19:40
S215	1	10/235292	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 19:58
S216	1	("2003/0001921").URPN.	USPAT	OR	OFF	2009/08/27 19:58

S217	2	("5831644").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/27 20:08
S218	50	"347"/\$.ccls. and ((sled slider carrier station) with (drive adj shaft) with (engag\$4 disengag\$4 contact attach\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 20:49
S219	1	("6846060").URPN.	USPAT	OR	OFF	2009/08/27 20:54
S220	4	("5244294"   "5831644"   "6309044"   "6702424").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/27 20:57
S221	583	"347"/\$.ccls. and ((sled slider carrier station) with (engag\$4 disengag\$4 contact attach\$4)) with (gear pinion shaft driveshaft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 20:59
S222	537	"347"/\$.ccls. and ((sled slider carrier station) with (engag\$4 disengag\$4 contact attach\$4)) with (gear pinion shaft driveshaft) not Silverbrook. IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/27 21:02
S223	8	("6561618").URPN.	USPAT	OR	OFF	2009/08/28 09:48
S224	2	("4825231"   "5831644").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/28 09:54
S225	245	"347"/\$.ccls. and ((sled slider carrier station) with (rack with (gear pinion)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 11:11
S226	170	"347"/\$.ccls. and (sled with (engag\$4 disengag\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 12:23
S227	83212	("347"/\$.ccls.) (supply suppl\$3) near5 (data image) near5 (head printhead row nozzle) with (select\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 14:06

S228	121	("347"/\$.ccls.) and (supply suppl\$3) near5 (data image) near5 (head printhead row nozzle) with (select\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 14:06
S229	4	("347"/\$.ccls.) and (supply suppl\$3) near5 (data image) near5 (head printhead) with (select\$4 near (nozzle row))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 14:07
S230	9	("347"/\$.ccls.) and (supply suppl\$3) near5 (data image) near5 (head printhead) with (select\$4 near5 (nozzle row))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/28 14:12

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S198	249	"347"/\$.ccls. and ((servic\$3 maintenance maintain\$4) with (sled carriage carrier) with (head printhead)).CLM.	USPAT; UPAD	OR	ON	2009/08/13 10:38
S199	298	347/22,29,32.ccls. and (servic\$3 maintenance maintain\$4) with (sled carriage carrier) with (head printhead)	USPAT; UPAD	OR	ON	2009/08/13 10:38
S200	298	347/22,29,32.ccls. and (servic\$3 maintenance maintain\$4) with (sled carriage carrier) with (head printhead)	USPAT; UPAD	OR	ON	2009/08/13 10:39
S201	113	347/22,29,32.ccls. and (servic\$3 maintenance maintain\$4) with (sled carriage carrier) same (axial axially axis)	USPAT; UPAD	OR	ON	2009/08/13 11:04
S202	422	"347"/\$.ccls. and (servic\$3 maintenance maintain\$4) with (sled carriage carrier) same (axial axially axis)	USPAT; UPAD	OR	ON	2009/08/13 11:17
S203	316	S202 not S198	USPAT; UPAD	OR	ON	2009/08/13 11:17

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